

This listing of claims replaces all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-13. (Cancelled).

/14. (Currently Amended) A computer program product comprising:

a computer usable medium having computer readable program code embodied therein for using a name space in generating a graphical user interface (GUI), said computer program product comprising:

computer readable program code configured to cause a computer to generate one or more elements associated with the GUI;

computer readable program code configured to cause a the computer to associate each element of a the GUI with a control mechanism, ~~said GUI having at least one element;~~

C
computer readable program code configured to cause thea computer to generate a unique name space designation for each instance of said control mechanism at run-time, wherein said unique name space designation that is assigned to the corresponding control mechanism is used to formulate unique labels for data associated ~~is not preassigned with the corresponding control mechanism;~~ and

computer readable program code configured to cause a the computer to use said unique name space designation to generate one or more definitional statements for said GUI ~~and identify said control mechanism with which said unique name space designation is associated.~~

15. (Currently Amended) The computer program product of claim 14, further comprising:

computer readable program code configured to cause ~~a~~the computer to identify the control mechanism with which said unique name space designation is associated~~generate a label to be associated with data, said label including said unique name space designation.~~

16. (Currently Amended) The computer program product of claim 15 further comprising:

C¹ computer readable program code configured to cause ~~a~~the computer to configure the unique labels formulated for the data associated with the corresponding control mechanism to include at least the unique name space designation for each instance of the control mechanism and a descriptive name for the data~~associate said label with said data; and~~

computer readable program code configured to cause ~~a~~the computer to identify said control mechanism as a recipient of ~~said the data using said~~based on the unique name space designation associated with the corresponding unique label~~in said label.~~

17. (Previously Amended) The computer program product of claim 14 wherein said one or more definitional statements are Hypertext Markup Language statements.

C² 18. (Original) The computer program product of claim 14 wherein said computer readable control program code is an object-oriented object.

19. (Original) The computer program product of claim 18 wherein said object-oriented object is a Java Bean.

C³ 20. (Currently Amended) The computer program product of claim 14 wherein a first of ~~said plurality of~~the one or more elements associated with the GUI elements~~is defined as being within the~~an influence of a second of ~~said plurality of~~the one or more

elements associated with the GUI-elements, said computer readable program code configured to cause a the computer to associate each element of said GUI with said control mechanism further comprises:

computer readable program code configured to cause a the computer to associate a first unique name space designation with said a definitional statement for ~~said~~ associated with the first of said plurality of the one or more elements associated with the GUI-elements; and

C3
computer readable program code configured to cause a the computer to associate a second unique name space designation with ~~said one or more definitional statements for said~~ associated with the second of said plurality of the one or more elements associated with the GUI-elements, said second unique name space designation including said first unique name space designation.

21. (Currently Amended) In a computer system, a method of using a name space in generating a graphical user interface (GUI) comprising:

modeling a component of a the graphical user interface (GUI) as a control, said control being implemented as program code; and

C4
dynamically generating at least one definitional statement for each instance of said component ~~of said~~ associated with the GUI using said program code, said definitional statement including at least one attribute for the instance of said component ~~of said GUI;~~

assigning said at least one attribute including a unique name space designation to the control, wherein said unique name space designation is used to name at least one attribute generated by the component, wherein the name associated with the at least one attribute is uniquely is not preassigned and is derived from said at least one attribute of said instance of said component and is capable of identifying said instance of said control.

22. (Currently Amended) The method of claim 21 ~~wherein~~ further comprising
~~said dynamically generating includes generating a label to be associated with data,~~
wherein the label includes the, ~~said label including said-unique name space~~
designation that corresponds to an associated instance of the component.

23. (Currently Amended) The method of claim 22 further comprising:
~~associating said label with said data; and identifying said program code as a~~ recipient of
~~said the data using said~~ based on the unique name space designation in said label.

24. (Previously Added) The method of claim 21 wherein said program code is
an object-oriented object.

C⁴ 25. (Previously Added) The method of claim 21 wherein said at least one
definitional statement is a Hypertext Markup Language statement.

26. (Currently Amended) The method of claim 21 further comprising ~~the step of~~
generating a design for said GUI, said design ~~identifying~~ including a plurality of GUI
components.

27. (Currently Amended) The method of claim 26 wherein a first of said plurality
of GUI components in said design is located within a second of said plurality of GUI
components, wherein said unique name space designation is associated with said
second of said plurality of GUI components, the method further comprising: and
including the step of

generating at least one definitional statement for said first of said plurality of GUI
components ~~component of said GUI~~ using said program code, said definitional
statement including at least one attribute for said first of said plurality of GUI
components ~~component of said GUI~~, said at least one attribute comprising a first unique

name space designation which includes said name space designation associated with said second of said plurality of GUI components.

✓ 28. (Previously Amended) A graphical user interface (GUI) system comprising:
a processor;

a program code ~~coupled to said~~ implemented on the processor, said program code configured to comprising

generate at least one component of the GUI as a corresponding control;
~~element and configured to~~

C4 dynamically generate at least one definitional statement for each instance of a
the at least one component, wherein the at least one of a GUI; and said definitional
statement ~~including~~ includes at least one attribute for said instance of said component
~~of said GUI;~~ and

assign ~~said at least one attribute comprising~~ a unique name space designation to
the corresponding control, wherein said unique name space designation is ~~not~~
~~preassigned~~ used to name at least one attribute generated by the at least one
component, wherein the name associated with the at least one attribute is uniquely and
~~is derived from said at least one attribute of said instance of said component and is~~
~~capable of identifying said instance of said control element.~~

29. (Currently Amended) The system of claim 28 wherein said at least one
definitional statement includes a name attribute, said name attribute ~~specifying~~
including a data label containing said associated with the unique name space
designation.

30. (Currently Amended) The system of claim 29 further comprising a browser
application that is configured to generate a name-value pair, said wherein a name

portion of said name-value pair ~~including~~ includes said label.

31. (Currently Amended) The system of claim 30 further comprising a page control configured to examine said name portion of said name-value pair and to direct said name-value pair ~~to said program code~~ based on said unique name space designation in said name portion.

32. (Previously Added) The system of claim 28 wherein said control is an object-oriented object.

33. (Previously Added) The system of claim 28 wherein said control is a Java Bean.
